Other Grain Exports

Sorghum

$Sorghum\,Grades\,and\,Grade\,Requirements$

Sorghum is divided into four classes: Sorghum, Tannin sorghum, White sorghum, and Mixed sorghum. There are no subclasses in sorghum. Each class is divided into four

numerical grades and U.S. Sample grade. Special grades are provided to emphasize special qualities or conditions affecting the value of sorghum. Special grades are added to and made a part of the grade designation. They do not affect the numerical or Sample grade designation.

U.S. Standards for Sorghum

| | | Maximum limits of- | | | | | | | |
|---------------------------------|---------------------------|---------------------------------|---------------------------------|-------------------------------------|---------------------|--|--|--|--|
| | Minimum | Damage | dkernels | Broken kernels and foreign material | | | | | |
| | test weight | Heat- | Total | | | | | | |
| Grade | per bushel (pounds) | damaged kernels (percent) | damaged kernels (percent) | | Foreign material | | | | |
| U.S. No. 1 | 57.0 | 0.2 | 2.0 | 4.0 | 1.5 | | | | |
| U.S. No. 2 | 55.0 | 0.5 | 5.0 | 7.0 | 2.5 | | | | |
| U.S. No. 31 | 53.0 | 1.0 | 10.0 | 10.0 | 3.5 | | | | |
| U.S. No. 4 U.S. Sample grade | 51.0 | 3.0 | 15.0 | 13.0 | 4.5 | | | | |

U.S. Sample grade is sorghum that:

- (a) Does not meet the requirements for the grades U.S. Nos. 1, 2, 3, or 4; or
- (b) Contains 8 or more stones which have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more crotalaria seeds (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis L.*), 4 or more particles of an unknown foreign substance(s) or a commonly recognized harmful or toxic substance(s), 8 or more cockleburs (*Xanthium* spp.) or similar seeds singly or in combination, 10 or more rodent pellets, bird droppings, or equivalent quantity of other animal filth; or
- (c) Has a musty, sour, or commercially objectionable foreign odor (except smut odor); or
- (d) Is badly weathered, heating, or of distinctly low quality.

¹ Sorghum which is distinctly discolored shall grade not higher than U.S. No. 3.

Sorghum

Definitions

Test weight (lb/bu) is pounds of grain per Winchester bushel (2.150.42 cubic inches) as determined using an approved device before the removal of dockage.

Test weight (kg/hl) is the metric system equivalent to pounds per bushel. Kilograms per hectoliter are calculated by multiplying pounds per bushel by 1.287.

Heat-damaged kernels are kernels, pieces of sorghum kernels, and other grains that are materially discolored and damaged by heat.

Damaged kernels are kernels, pieces of sorghum kernels, and other grains that are badly ground-damaged, badly weather-damaged, diseased, frost-damaged, germ-damaged, heat-damaged, insect-bored, mold-damaged, sprout-damaged, or otherwise materially damaged.

Foreign material is all matter except sorghum, which passes over the number 6 riddle and all matter other than sorghum that remains on the top of the 5/64 triangular-hole sieve.

Broken kernels are all matter which passes through a 5/64 triangular-hole sieve and over a 2.5/64 round-hole sieve.

Broken kernels and foreign material consists of the combination of broken kernels and foreign material.

Dockage is all matter other than sorghum that can be removed from the original sample by use of an approved device. Also, underdeveloped, shriveled, and small pieces of sorghum kernels removed in properly separating the material other than sorghum.

Moisture is the water content of grain as determined by an approved moisture meter. The percentage of moisture in a sample does not affect the numerical grade.

Mixed sorghum is a sorghum which does not meet the minimum requirements for any of the classes of sorghum, Tannin sorghum or White sorghum.

Table 14. U.S. Sorghum Exports: Number of lots and quantity exported by class and grade, 2001-2003

| Class | | 20 | 001 | 2(| 002 | 2003 | | |
|----------------|------------|----------------|----------------|-------------------|----------------|----------------|----------------|--|
| | Grade | Number of Lots | Metric Tons | Number of Lots | Metric Tons | Number of Lots | Metric Tons | |
| Yellow Sorghum | U.S. No. 1 | 1 | 4,027 | _ | _ | _ | _ | |
| o o | U.S. No. 2 | 265 | 3,713,702 | 302 | 3,836,574 | 276 | 3,481,474 | |
| | U.S.No.3 | 1 | 5,601 | | · · · | 1 | 2,567 | |
| | All lots | 267 | 3,723,330 | 302 | 3,836,574 | 277 | 3,484,041 | |
| All Classes | U.S. No. 1 | 1 | 4,027 | _ | _ | _ | _ | |
| | U.S. No. 2 | 265 | 3,713,702 | 302 | 3,836,574 | 276 | 3,481,474 | |
| | U.S.No.3 | 1 | 5,601 | | · · · · · · · | 1 | 2,567 | |
| | All lots | 267 | 3,723,330 | 302 | 3,836,574 | 277 | 3,484,041 | |

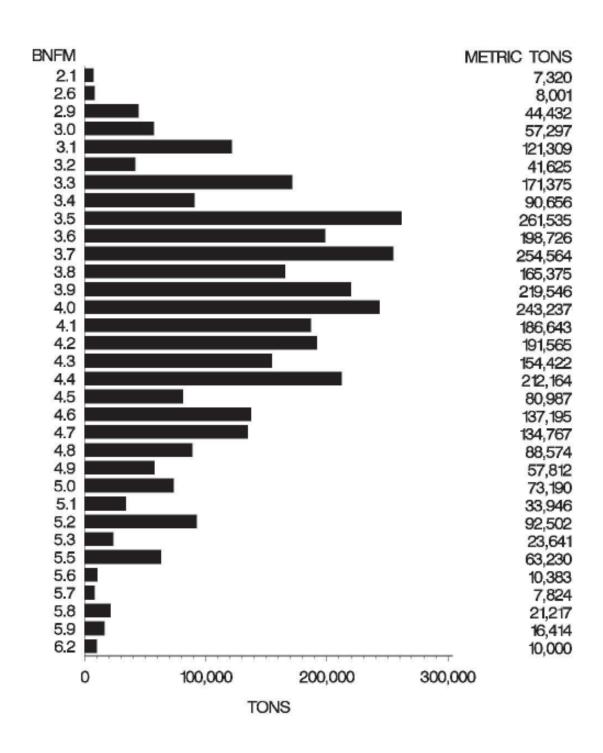
^{-- =} No lots reported in this category.

 $Table 15.\ Summary of export Sorghum \ quality, 2001-2003$

| Grade U.S.No.1 U.S.No.2 | Grade Limit | No. of Lots | | | | N C | | | | | | | |
|-------------------------|---|---|--|--|--|--|--|---|----------|--|----------|----------|----------|
| U.S. No. 2 | 57 0 | | Avg. | Low | High | No. of Lots | Avg. | Low | High | No. of Lots | Avg. | Low | High |
| | 57.0 | 1 | 57.8 | 57.8 | 57.8 | _ | _ | _ | | _ | _ | | _ |
| TI C NI O | 55.0 | 265 | 58.0 | 55.3 | 60.3 | 302 | 58.1 | 55.8 | 59.9 | 276 | 58.0 | 56.3 | 60.5 |
| U.S.No.3 | 53.0 | 1 | 58.7 | 58.7 | 58.7 | | _ | _ | _ | 1 | 59.1 | 59.1 | 59.1 |
| All lots | N/A | 267 | 58.0 | 55.3 | 60.3 | 302 | 58.1 | 55.8 | 59.9 | 277 | 58.0 | 56.3 | 60.5 |
| U.S. No. 1 | N/A | 1 | 74.4 | 74.4 | 74.4 | _ | _ | _ | _ | _ | _ | _ | _ |
| U.S. No. 2 | N/A | 265 | 74.7 | 71.2 | 77.6 | 302 | 74.8 | 71.8 | 77.2 | 276 | 74.7 | 72.5 | 77.9 |
| U.S. No. 3 | N/A | 1 | 75.5 | 75.5 | 75.5 | | _ | | | 1 | 76.1 | 76.1 | 76.1 |
| All lots | N/A | 267 | 74.7 | 71.2 | 77.6 | 302 | 74.8 | 71.8 | 77.2 | 277 | 74.7 | 72.5 | 77.9 |
| U.S.No.1 | N/A | 1 | 13.4 | 13.4 | 13.4 | _ | _ | _ | _ | _ | _ | | _ |
| U.S. No. 2 | N/A | 265 | 13.2 | 11.3 | 14.0 | 302 | 13.5 | 12.1 | 14.4 | 276 | 13.6 | 12.7 | 14.0 |
| U.S. No. 3 | N/A | 1 | 12.4 | 12.4 | 12.4 | - | _ | _ | _ | 1 | 14.0 | 14.0 | 14.0 |
| All lots | N/A | 267 | 13.2 | 11.3 | 14.0 | 302 | 13.5 | 12.1 | 14.4 | 277 | 13.6 | 12.7 | 14.0 |
| U.S. No. 1 | 0.2 | 1 | 0.0 | 0.0 | 0.0 | | | | | | | | |
| U.S. No. 2 | 0.5 | 265 | 0.0 | 0.0 | 0.1 | 302 | 0.0 | 0.0 | 0.2 | 276 | 0.0 | 0.0 | 0.1 |
| U.S.No.3 | 1.0 | 1 | 0.0 | 0.0 | 0.0 | | | | | 1 | 0.0 | 0.0 | 0.0 |
| All lots | N/A | 267 | 0.0 | 0.0 | 0.1 | 302 | 0.0 | 0.0 | 0.2 | 277 | 0.0 | 0.0 | 0.1 |
| U.S. No. 1 | 2.0 | 1 | 0.4 | 0.4 | 0.4 | _ | _ | _ | _ | _ | _ | _ | |
| U.S. No. 2 | | 265 | | | | 302 | 1.7 | 0.2 | 4.8 | 276 | | | 5.0 |
| U.S. No. 3 | | 1 | | | | | | | | 1 | | | 7.8 |
| All lots | N/A | 267 | 1.2 | 0.1 | 4.8 | 302 | 1.7 | 0.2 | 4.8 | 277 | 1.8 | 0.2 | 7.8 |
| U.S. No. 1 | 4.0 | 1 | 3.8 | 3.8 | 3.8 | _ | _ | | | | | | _ |
| U.S. No. 2 | 7.0 | 265 | | | | 302 | 4.0 | 1.4 | 6.1 | 276 | | | 6.2 |
| U.S. No. 3 | 10.0 | 1 | | | | - | _ | _ | - | 1 | | | 3.8 |
| All lots | N/A | 267 | 4.1 | 2.1 | 6.0 | 302 | 4.0 | 1.4 | 6.1 | 277 | 4.1 | 2.1 | 6.2 |
| U.S. No. 1 | N/A | | | | | | | - | | | | | _ |
| | | 41 | 2.7 | 1.6 | 3.4 | 27 | 2.3 | 1.8 | 4.0 | 29 | 2.6 | 0.8 | 3.4 |
| | | | _ | | - | | _ | | _ | | | | |
| All lots | N/A | 41 | 2.7 | 1.6 | 3.4 | 27 | 2.3 | 1.8 | 4.0 | 29 | 2.6 | 0.8 | 3.4 |
| U.S. No. 1 | 1.5 | 1 | 0.9 | 0.9 | 0.9 | _ | _ | | | | | | |
| | | | | | | 302 | 1.0 | 0.0 | 2.4 | | | | 2.4 |
| | | | | | | | _ | | | 1 | | | 1.1 |
| All lots | N/A | 267 | 1.1 | 0.0 | 3.4 | 302 | 1.0 | 0.0 | 2.4 | 277 | 1.1 | 0.0 | 2.4 |
| U.S. No. 1 | N/A | 1 | 0.1 | 0.1 | 0.1 | _ | | | | | _ | | - |
| U.S. No. 2 | N/A | 257 | 0.2 | 0.1 | 0.7 | 296 | 0.2 | 0.1 | 0.5 | | | | 0.6 |
| | | | _ | _ | _ | _ | | | | | | | 0.2 |
| All lots | N/A | 258 | 0.2 | 0.1 | 0.7 | 296 | 0.2 | 0.1 | 0.5 | 272 | 0.2 | 0.1 | 0.6 |
| | All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots | All lots U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 2 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 2 U.S. No. 2 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 1 U.S. No. 1 U.S. No. 2 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 1 U.S. No. 2 U.S. No. 3 All lots N/A U.S. No. 1 U.S. No. 1 U.S. No. 2 U.S. No. 3 N/A U.S. No. 1 U.S. No. 3 N/A | All lots N/A 267 U.S. No.1 N/A 1 U.S. No.2 N/A 265 U.S. No.3 N/A 1 All lots N/A 267 U.S. No.1 N/A 265 U.S. No.2 N/A 265 U.S. No.3 N/A 1 All lots N/A 267 U.S. No.1 2.0 1 U.S. No.3 1.0 1 All lots N/A 267 U.S. No.1 4.0 1 U.S. No.3 10.0 1 All lots N/A 267 U.S. No.1 4.0 1 U.S. No.3 10.0 1 All lots N/A 267 U.S. No.3 N/A - U.S. No.1 N/A - U.S. No.3 N/A - All lots N/A 41 U.S. No.1 1.5 1 U.S. No.3 3.5 1 All lots N/A 267 | All lots N/A 267 58.0 U.S. No. 1 N/A 1 74.4 U.S. No. 2 N/A 265 74.7 U.S. No. 3 N/A 1 75.5 All lots N/A 267 74.7 U.S. No. 1 N/A 265 13.2 U.S. No. 2 N/A 265 13.2 U.S. No. 3 N/A 1 12.4 All lots N/A 267 13.2 U.S. No. 1 0.2 1 0.0 U.S. No. 2 0.5 265 0.0 U.S. No. 3 1.0 1 0.0 M/A 267 0.0 U.S. No. 1 2.0 1 0.4 U.S. No. 2 5.0 265 1.2 U.S. No. 1 4.0 1 3.8 U.S. No. 1 4.0 1 3.8 U.S. No. 2 7.0 265 4.1 U.S. No. 3 10.0 1 5.6 All lots N/A 41 2.7 U.S. No. 3 | All lots N/A 267 58.0 55.3 U.S. No.1 N/A 1 74.4 74.4 U.S. No.2 N/A 265 74.7 71.2 U.S. No.3 N/A 1 75.5 75.5 All lots N/A 267 74.7 71.2 U.S. No.1 N/A 265 13.2 11.3 U.S. No.2 N/A 265 13.2 11.3 U.S. No.3 N/A 1 12.4 12.4 All lots N/A 267 13.2 11.3 U.S. No.1 0.2 1 0.0 0.0 U.S. No.2 0.5 265 0.0 0.0 U.S. No.3 1.0 1 0.0 0.0 U.S. No.1 2.0 1 0.4 0.4 U.S. No.3 10.0 1 0.9 0.9 All lots N/A 267 1.2 0.1 U.S. No.1 4.0 1 3.8 3.8 U.S. No.2 7.0 265 4.1 2.1 | All lots N/A 267 58.0 55.3 60.3 U.S. No. 1 N/A 1 74.4 74.4 74.4 74.4 U.S. No. 2 N/A 265 74.7 71.2 77.6 U.S. No. 3 N/A 1 75.5 75.5 75.5 All lots N/A 267 74.7 71.2 77.6 U.S. No. 1 N/A 1 13.4 13.4 13.4 U.S. No. 2 N/A 265 13.2 11.3 14.0 U.S. No. 3 N/A 1 12.4 12.4 12.4 U.S. No. 1 0.2 1 0.0 0.0 0.0 U.S. No. 2 0.5 265 0.0 0.0 0.0 U.S. No. 3 1.0 1 0.0 0.0 0.0 U.S. No. 1 2.0 1 0.4 0.4 0.4 U.S. No. 2 5.0 265 1.2 0.1 4.8 U.S. No. 3 10.0 1 0.9 0.9 0.9 U.S. No. 2 7.0 | All lots N/A 267 58.0 55.3 60.3 302 U.S. No. 1 N/A 1 74.4 74.4 74.4 − U.S. No. 2 N/A 265 74.7 71.2 77.6 302 U.S. No. 3 N/A 1 75.5 75.5 75.5 − All lots N/A 267 74.7 71.2 77.6 302 U.S. No. 1 N/A 1 13.4 13.4 13.4 − U.S. No. 2 N/A 265 13.2 11.3 14.0 302 U.S. No. 3 N/A 1 12.4 12.4 12.4 − All lots N/A 267 13.2 11.3 14.0 302 U.S. No. 1 0.2 1 0.0 0.0 0.0 − U.S. No. 2 0.5 265 0.0 0.0 0.1 302 U.S. No. 3 1.0 1 0.0 0.0 0.0 − U.S. No. 3 1.0 1 0.0 0.0 0.0 − U.S. No. 1 2.0 1 0.4 0.4 0.4 − U.S. No. 2 5.0 265 1.2 0.1 4.8 302 U.S. No. 3 10.0 1 0.9 0.9 0.9 − U.S. No. 3 10.0 1 0.9 0.9 0.9 − All lots N/A 267 1.2 0.1 4.8 302 U.S. No. 1 4.0 1 3.8 3.8 3.8 − U.S. No. 2 7.0 265 4.1 2.1 6.0 302 U.S. No. 3 10.0 1 5.6 5.6 5.6 − All lots N/A 267 4.1 2.1 6.0 302 U.S. No. 1 N/A 267 4.1 2.1 6.0 302 U.S. No. 1 N/A 267 4.1 2.1 6.0 302 U.S. No. 1 N/A 267 4.1 2.1 6.0 302 U.S. No. 1 N/A 267 1.1 0.0 3.2 U.S. No. 1 N/A 267 1.1 0.0 3.2 U.S. No. 1 N/A 41 2.7 1.6 3.4 27 U.S. No. 2 N/A 41 2.7 1.6 3.4 27 U.S. No. 3 N/A − − − − − U.S. No. 2 N/A 41 2.7 1.6 3.4 27 U.S. No. 3 N/A − − − − − U.S. No. 2 1.1 0.9 0.9 0.9 0.9 − U.S. No. 3 1.1 1.5 1 0.9 0.9 0.9 0.9 − U.S. No. 3 3.5 1 3.4 3.4 3.4 3.4 − U.S. No. 3 3.5 1 3.4 3.4 3.4 3.4 − U.S. No. 3 N/A 267 1.1 0.0 3.4 302 U.S. No. 1 N/A 267 1.1 0.0 3.4 302 U.S. No. 1 N/A 267 1.1 0.0 3.4 302 U.S. No. 1 N/A 267 1.1 0.0 3.4 302 U.S. No. 2 2.5 265 1.1 0.0 2.3 302 U.S. No. 3 3.5 1 3.4 3.4 3.4 3.4 − U.S. No. 2 1.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 | All lots N/A 267 58.0 55.3 60.3 302 58.1 U.S. No. 1 U.S. No. 2 N/A 265 74.7 71.2 77.6 302 74.8 U.S. No. 3 N/A 1 75.5 75.5 75.5 All lots N/A 267 74.7 71.2 77.6 302 74.8 U.S. No. 3 N/A 1 13.4 13.4 13.4 U.S. No. 2 N/A 265 13.2 11.3 14.0 302 13.5 U.S. No. 3 N/A 1 12.4 12.4 12.4 All lots N/A 267 13.2 11.3 14.0 302 13.5 U.S. No. 3 N/A 1 12.4 12.4 12.4 All lots N/A 267 13.2 11.3 14.0 302 13.5 U.S. No. 3 N/A 1 12.4 12.4 12.4 All lots N/A 267 13.2 11.3 14.0 302 13.5 U.S. No. 1 0.2 1 0.0 0.0 0.0 0.1 302 0.0 U.S. No. 2 0.5 265 0.0 0.0 0.0 1 302 0.0 U.S. No. 3 1.0 1 0.0 0.0 0.0 0.1 302 0.0 U.S. No. 3 1.0 1 0.0 0.0 0.0 0.1 302 0.0 U.S. No. 1 2.0 1 0.4 0.4 0.4 0.4 U.S. No. 2 5.0 265 1.2 0.1 4.8 302 1.7 U.S. No. 3 10.0 1 0.9 0.9 0.9 0.9 | All lots | All lots N/A 267 58.0 55.3 60.3 302 58.1 55.8 59.9 U.S. No.1 N/A 1 74.4 74.4 74.4 | All lots | All lots | All lots |

N/A = Does not apply.
--- = No lots reported in this category.

U.S. SORGHUM EXPORTED, 2003 DISTRIBUTION FOR BNFM — GRADE 2



U.S. SORGHUM EXPORTED, 2003 DISTRIBUTION FOR FM - GRADE 2

